



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application Serial No.:	10/687,318)	Group Art Unit:	1746
Filing Date:	October 16, 2003)	Examiner:	Chaudhry, Saeed T.
For:	Method For Preventing and Cleaning Ruthenium-Containing Deposits in a CVD Apparatus)	Docket No:	101.111 (formerly 20661.111US)
Inventors:	Greer et al.)	Confirmation No.:	8500
)	Paper No.:	

MAIL STOP AMENDMENT
COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

Sir:

This Amendment and Remarks is in response to the Office Action mailed October 5, 2005.

ELECTION/RESTRICTION

The undersigned attorney for the Applicants hereby affirms the election made August 18, 2005, electing to prosecute the invention of Group I, original claims 1 – 9, drawn to a method of cleaning or inhibiting formation of a ruthenium-containing deposit on a surface of a ruthenium-deposition apparatus.

01/09/2006 NGUYEN1 00000094 10687318

01 FC:1202

350.00 OP

AMENDMENTS TO SPECIFICATION

Please replace the paragraph in the specification at page 10, lines 9 – 21:

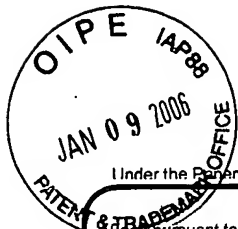
Replacement paragraph, with changes marked as shown:

Selectively flowing a "purge" gas proximate to surfaces where deposition is

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Office Action Mailed 10/05/05**

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190301v2



DFW

PTO/SB/17 (12-04v2)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Effective on 12/08/2004.

Paid pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL For FY 2005

Complete if Known

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

350

Application Number	10/687,318
Filing Date	October 16, 2003
First Named Inventor	Greer, Harold F.R.
Examiner Name	Chaudry, Saeed T.
Art Unit	1746
Attorney Docket No.	101.111

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____

☐ Deposit Account Deposit Account Number: _____ Deposit Account Name: _____

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

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FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

Fee (\$)	Small Entity Fee (\$)
50	25
200	100
360	180

Total Claims Extra Claims Fee (\$)

27 - 20 or HP = 7 x 50 = 350

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims Extra Claims Fee (\$)

- 3 or HP = x =

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$)

- 100 = / 50 = (round up to a whole number) x =

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge):

Fees Paid (\$)

SUBMITTED BY

Signature	Thomas Swenson	Registration No. (Attorney/Agent)	36,696	Telephone	303-440-7800
Name (Print/Type)	Thomas Swenson			Date	January 5, 2006

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Signature

Thomas Swenson

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1. Fee Transmittal Form PTO/SB/17 (2 for a total of 2 pages)
2. Check no. 1196 in the amount of \$350.00
3. Amendment and Remarks (16 pages) (Serial No. 10/687,318)
4. Return Receipt Postcard
5. Certificate of Mailing (1 page)

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